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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/655,959	09/04/2003	Yew Teng Too	006404.P010	1957

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EXAMINER

VU, THAI

ART UNIT	PAPER NUMBER
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2687

DATE MAILED: 06/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/655,959

Applicant(s)

TOO ET AL.

Examiner

Thai N. Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 04 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 01/25/2005, 6/21/2004, 4/26/2005
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The references cited in Information Disclosure Statement filed on June 03, 2004, January 25, 2005 and April 28, 2005 have been considered, by the examiner (see attached PTO 1449 form or PTO/SB08A and 08B forms).

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Want et al. (U.S. Patent: 5,825,675; hereinafter "Want").

Regarding claim 1, Want teaches a portable digital device (FIG. 4A) having at least two control devices for controlling at least two operating functions of the portable digital device (FIG. 4A, buttons 384, 386, 388; column 7, lines 21-28); a digital display for displaying information (FIG. 4A display 380); and a processor (FIG. 2, processor 180) for rotating the information from a first orientation to a second orientation (FIG. 4A and 4B; column 8, lines 11-23), and

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remapping the at least two control devices to reverse their operating functions to allow for use of the portable digital device in both the first orientation and the second orientation (FIG. 4A and 4B; buttons 388 and 384; column 7, lines 43-58).

Regarding claim 2, Want further teaches limitations of the claim in (FIG. 6A and 6B; column 10, lines 18-39).

Regarding claim 3, Want further teaches limitations of the claim in (column 10, lines 18-48).

Regarding claim 4, Want further teaches limitations of the claim in (column 10, lines 18-48).

Regarding claim 5, Want further teaches limitations of the claim in (column 10, lines 18-48).

Regarding claim 6, Want further teaches limitations of the claim in FIGs. 4A and 4B.

Regarding claim 7, Want further teaches limitations of the claim in FIGs. 3A-3D.

Regarding claim 8, Want further teaches limitations of the claim in FIGs. 3A-3D.

Regarding claim 9, Want further teaches limitations of the claim in FIGs. 3A-3D.

Regarding claim 10, Want further teaches a memory (FIG. 2, memory 172) containing a key map, a first table corresponding to the first orientation, and a second table corresponding to the second orientation (FIG. 5, tables in blocks 408 and 414).

Regarding claim 11, Want further teaches limitations of the claim in column 9, lines 32-55 (displayed information is processed as bit map).

Regarding claim 12, Want teaches a method for reorienting a portable digital device from a first orientation to is a second orientation the method including the steps:

(a) rotating information for display on a digital display of a portable digital device from a first rotation position to a second rotation position (column 9, lines 32-36); and

(b) remapping at least two operating functions of at least two control devices of the portable digital device from a at least one operating function to at least one other operating function (column 9, lines 37-46).

Regarding claim 13, Want further teaches limitations of the claim in (FIG. 6A and 6B; column 10, lines 18-39).

Regarding claim 14, Want further teaches limitations of the claim in (column 10, lines 18-48).

Regarding claim 15, Want further teaches limitations of the claim in (column 10, lines 18-48).

Regarding claim 16, Want further teaches limitations of the claim in (column 10, lines 18-48).

Regarding claim 17, Want further teaches limitations of the claim in FIGs. 4A and 4B.

Regarding claim 18, Want further teaches limitations of the claim in FIGs. 3A-3D.

Regarding claim 19, Want further teaches limitations of the claim in FIGs. 3A-3D.

Regarding claim 20, Want further teaches limitations of the claim in FIGs. 3A-3D.

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Regarding claim 21, Want further teaches a memory (FIG. 2, memory 172) containing a key map, a first table corresponding to the first orientation, and a second table corresponding to the second orientation (FIG. 5, tables in blocks 408 and 414).

Regarding claim 22, Want further teaches limitations of the claim in column 9, lines 32-55, FIG. 4A and 4B (displayed information is processed as bit map).

### **Conclusion**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai N. Vu whose telephone number is 571-272-7928. The examiner can normally be reached on 9:00AM-7:00PM, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thai N. Vu  
Examiner  
Art Unit 2687

  
8/20/05  
LESTER G. KINCAID  
PRIMARY EXAMINER